

# METHOD FOR MAKING SERVICE CONTROL PART OF EXCHANGE PROGRAM BETWEEN ATM AND STM COMMON

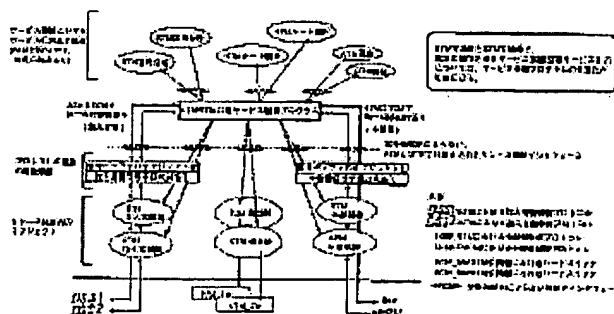
**Patent number:** JP7250099  
**Publication date:** 1995-09-26  
**Inventor:** KOSHIRO YOSHIHARU; NAKAMURA HIDEFUMI; KAI TOSHIHIRO; KIN KATSUYOSHI; MIZUNO MITSUYUKI; IIZUKA TADASHI; NAKAJIMA SHINICHI  
**Applicant:** NIPPON TELEGRAPH & TELEPHONE; FUJITSU LTD; OKI ELECTRIC IND CO LTD; NIPPON ELECTRIC CO  
**Classification:**  
- international: **H04L12/28; H04L12/56; H04L12/64; H04M3/00; H04M3/42; H04L12/28; H04L12/56; H04L12/64; H04M3/00; H04M3/42; (IPC1-7): H04L12/64; H04L12/28; H04M3/00; H04M3/42**  
- european:  
**Application number:** JP19940038307 19940309  
**Priority number(s):** JP19940038307 19940309

Report a data error here

## Abstract of JP7250099

**PURPOSE:** To apply a service control program for N-ISDN in an STM exchange to the service control program for the line emulation of B-ISDN in an ATM exchange by making the service control program of the ATM exchange and STM exchange common.

**CONSTITUTION:** Hierarchical structures, such as a resource hierarchy, a service hierarchy, etc., are applied, the differences of the signal procedures of interfaces with a relay network and subscribers in ATM and STM are absorbed or generated in subscriber and relay control resources and a common signal procedure is defined. Also, object-oriented design is adopted to information inside signals and access to information elements inside the signals is performed through a method. Thus, the format of the information elements is concealed and the different parts of signal analysis, route translation and charging are turned to independent objects for each service.



**BEST AVAILABLE COPY**

Data supplied from the esp@cenet database - Worldwide